

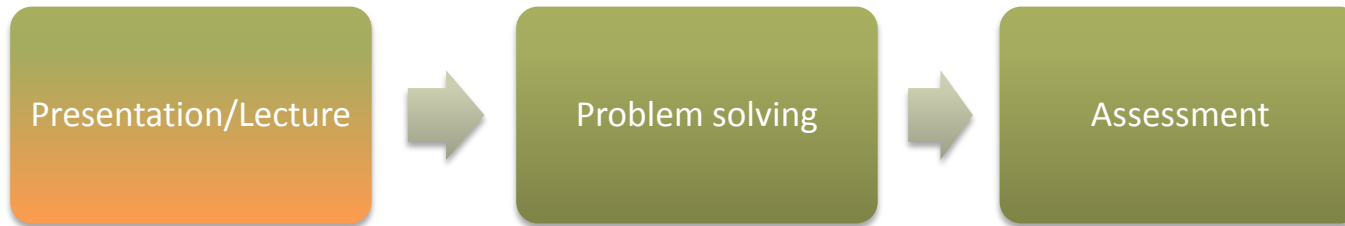
Beyond the flipped classroom

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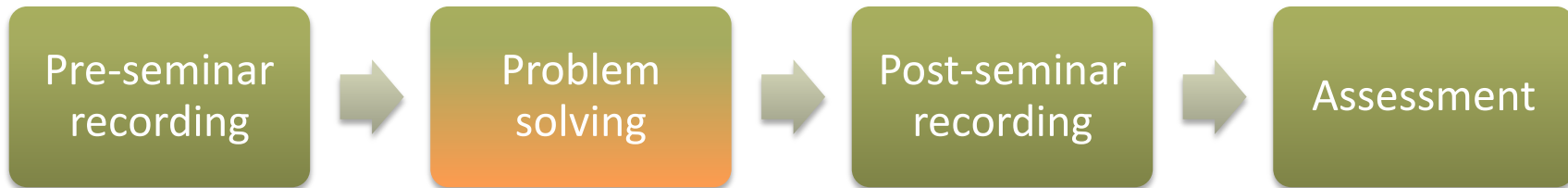
What is “the flipped classroom”?

- technological issues
- pedagogical issues
- perspectives
 - interaction
 - synchrony
 - transcience

Unflipped teaching



Flipped teaching



Why flip the classroom?

- Information source
- Teach at the point of need
- Memorization > synthesis
- Interaction
- Flip the mind of the teacher!

Considerable media attention but few scholarly studies

- <http://flippedclassroom.org>
- <http://jonbergmann.com>
- <http://barkersthlm.blogspot.se>
 - Deslauriers et al., 2011 ("physics")
 - Johnson & Renner, 2012 ("computer applications course")
 - Marlowe, 2012 ("environmental systems and societies")

Case studies: language education

- degree project course
- grammar course

Degree project course

- [Degree project linked schedule](#)

Presentation2

71%

Sök i presentationen

rt Teman Tabeller Diagram SmartArt Övergångar Animeringar Bildspel Granska

Bilder

Layout Avsnitt

Teckensnitt

Stycke

Infoga

Format

Bildspel

Text Bild Figur Media Ordna Snabbformat Spela upp

Disposition

Progressive form

Eddie, what are you doing on the floor?
I was waiting for a number seven bus!

Progressive form

consists of a form of the verb BE + the -ing form of the main verb

is always a variant form of the simple form

Simple and progressive

I go to work by train every day. This morning, when I was leaving home I got a text message. It said that the train was late so I didn't have to hurry. When I got to the station, a lot of people were waiting on the platform. Eventually the train came in and I got on it. I sat down quickly and then looked at all the others when they were hurrying to find a place.

Klicka för att lägga till anteckningar

Normalvy

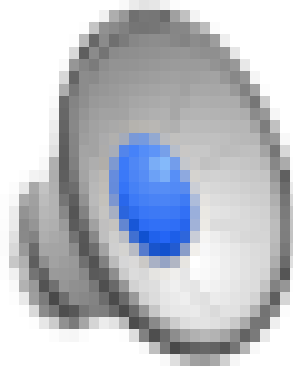
Bild 2 av 2

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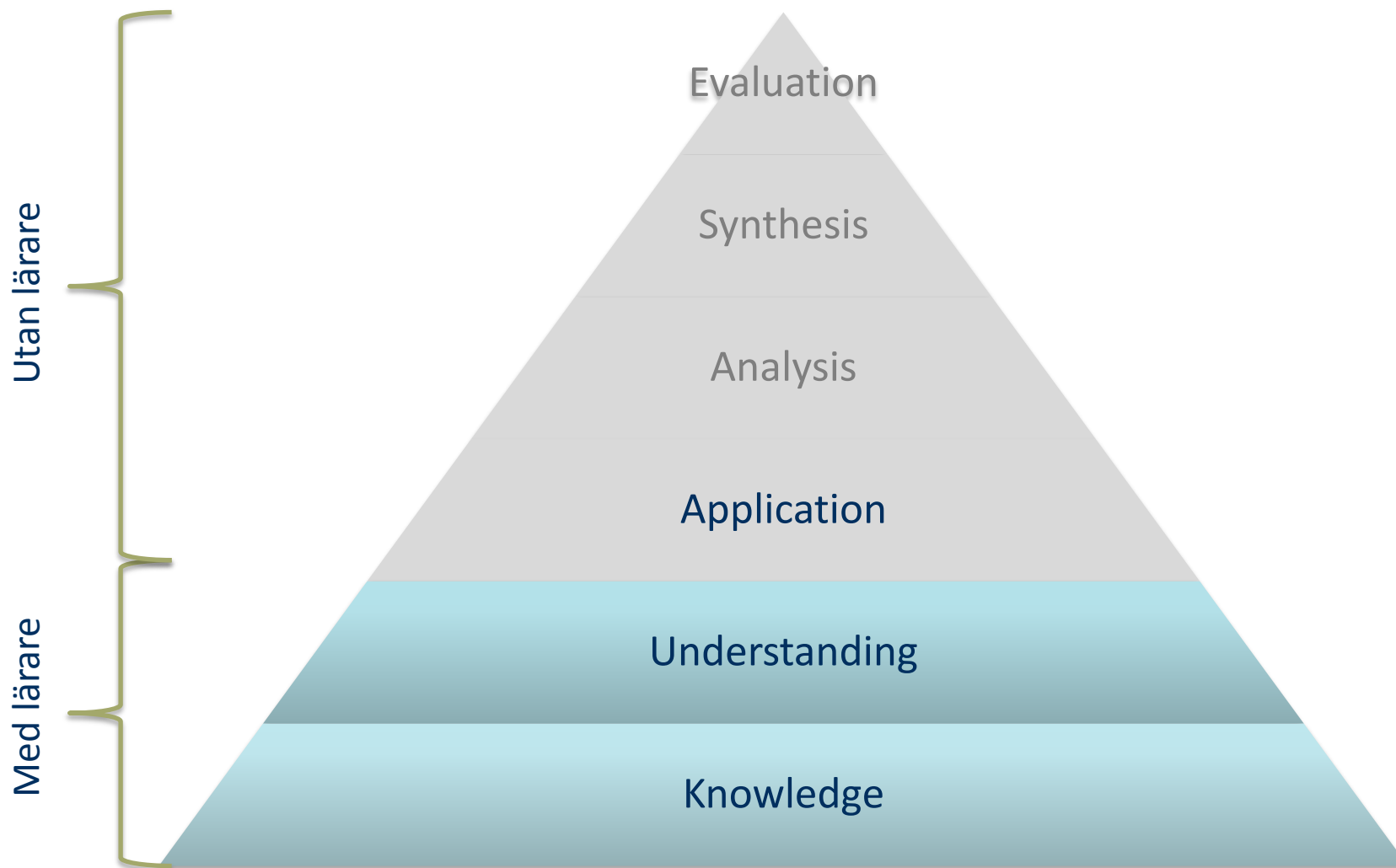
Mac OS X dock with various application icons.

- Inductive teaching
 - from context to sustainable generalization
 - comparisons with course literature
 - retention over time?
 - creates a cognitive challenge for the students
- Deductive teaching
 - principles introduced first
 - practice and application
 - memorization

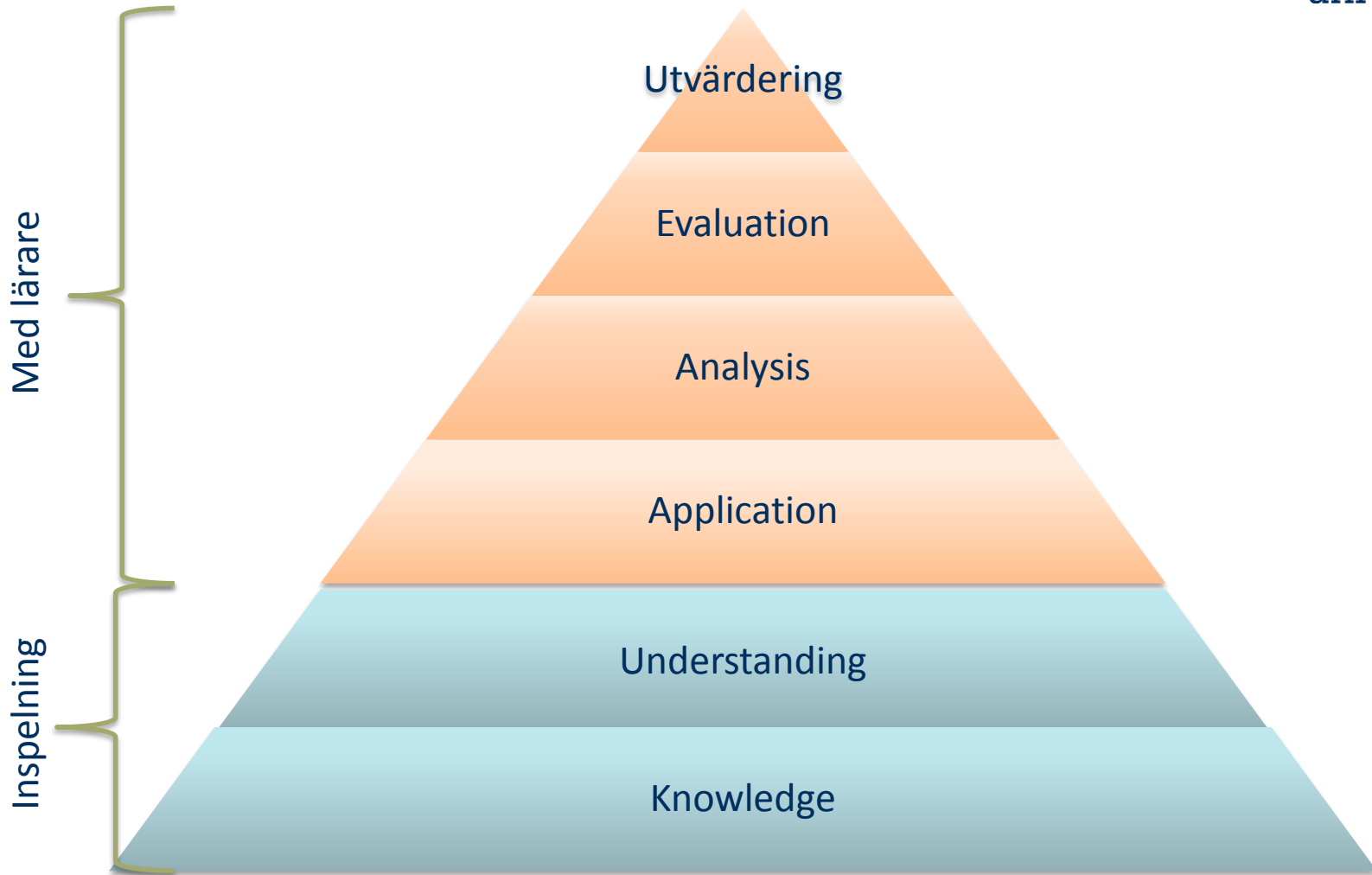
Transcience and synchrony



Traditional teaching



Using flipped classroom techniques



Student comments

- Increased understanding
- Easier to collect questions before the seminar
- Even more interesting to listen after the seminar
- Exam review
- Perspectivization

The flipped classroom - afterword

- Terms
 - flipped?
 - the expanded classroom
 - blended learning?
- Advantages
 - More efficient use of seminar time
 - Non-transient – re-usable – re-purposable
- Challenges
 - Reading course literature?
 - Preparations!
 - Flipping the mind of the teacher!

Thank you for listening!



<http://ileighanne.wordpress.com/2013/01/24/isnt-the-flipped-classroom-just-blended-learning/>



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